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Fig. 5 shows a semi-longitudinal section similar to the one in Fig. 1 through the tube sheet on the gas intake side and a conventional shell-shaped gas intake hood and a fitting inserted into it similar to the one in Fig. 3_{7} .

Sirles

On page 5, lines 1-13, please amend the paragraphs to read as follows:

Fig. 6a) through Fig. 6f) show in each case an embodiment of a partially permeable seal as illustrated in Fig. 5, in a larger scale.

Fig. 7 shows a similar illustration as Fig. 5 but with another embodiment.

Fig. 8 shows a schematic drawing of a support arranged inside a shell-and-tube type reactor according to the invention, the support supporting in particular the gas intake-side tube sheet.